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PTO/SB/01 (12-97)

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|  |                               |                |
|--|-------------------------------|----------------|
| <b>DECLARATION FOR UTILITY OR<br/>DESIGN<br/>PATENT APPLICATION<br/>(37 CFR 1.63)</b><br><br><input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | <b>Attorney Docket Number</b> | DAR-18-95A1    |
|  | <b>First Named Inventor</b>   | Thelma Manning |
|  | <b>COMPLETE IF KNOWN</b>      |                |
|  | <b>Application Number</b>     | /              |
|  | <b>Filing Date</b>            |                |
|  | <b>Group Art Unit</b>         |                |
|  | <b>Examiner Name</b>          |                |

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGH ENERGY THERMOPLASTIC ELASTOMER PROPELLANT**

the specification of which (Title of the Invention)

☒ is attached hereto  
OR  
☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached? |                          |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
|                                     |         |                                  |                          | YES                      | NO                       |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| 60/006,671            | 11/13/1995               |  |

(Page 1 of 2)

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
| 08/744,042<br>09/038,490                     | 11/06/1996<br>03/06/1998        |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

| Name              | Registration Number | Name | Registration Number |
|-------------------|---------------------|------|---------------------|
| JOHN F. MORAN     | 26,313              |      |                     |
| MICHAEL SACHS     | 29,262              |      |                     |
| JOHN E. CALLAGHAN | 25,654              |      |                     |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number  OR ☐ Correspondence address below

|         |                                     |           |              |     |              |
|---------|-------------------------------------|-----------|--------------|-----|--------------|
| Name    | Department of the Army, TACOM-ARDEC |           |              |     |              |
| Address | AMSTA-AR-GCL/Bldg. 3/Legal Office   |           |              |     |              |
| Address | Rt. 15                              |           |              |     |              |
| City    | Picatinny Arsenal                   | State     | NJ           | ZIP | 07806-5000   |
| Country | USA                                 | Telephone | 973-724-6594 | Fax | 973-724-5552 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

|  |  |                        |       |
|--|--|------------------------|-------|
| Given Name (first and middle (if any)) |  | Family Name or Surname |       |
| THELMA G.                              |  | MANNING                |       |
| Inventor's Signature                   | <i>Thelma G. Manning</i>                     |                        | Date  |
| Residence: City                        | Montville                                    | State                  | NJ    |
|  |  | Country                | USA   |
| Post Office Address                    | <del>29 BROMLEY COURT</del> 29 BROMLEY COURT |                        |       |
| Post Office Address                    |  |                        |       |
| City                                   | Montville                                    | State                  | NJ    |
|  |  | ZIP                    | 07045 |
|  |  | Country                | USA   |

☐ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → +

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 4

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

JOSEPH L.

PREZELSKI

Inventor's  
Signature

*Joseph L. Prezelski*

*6/18/99*  
Date

Residence: City

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*Budd Lake*

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State

*NJ*

Country

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Citizenship

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Post Office Address

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State

*PA*

ZIP

*18433*

Country

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

SAM

MOY

Inventor's  
Signature

Date

Residence: City

*Parsippany*

State

*NJ*

Country

USA

Citizenship

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Post Office Address

*69 Glassboro Road*

Post Office Address

City

State

ZIP

Country

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

BERNARD

STRAUSS

Inventor's  
Signature

Date

Residence: City

*Rockaway*

State

*NJ*

Country

USA

Citizenship

USA

Post Office Address

*20 Iroquois Avenue*

Post Office Address

City

State

ZIP

Country

State

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|   |   |
|---|---|
| <h2 style="margin: 0;">DECLARATION</h2> | <b>ADDITIONAL INVENTOR(S)</b><br><b>Supplemental Sheet</b><br>Page <u>3</u> of <u>4</u> |
|---|---|

|  |                    |       |    |   |     |             |           |
|--|--------------------|-------|----|---|-----|-------------|-----------|
| Name of Additional Joint Inventor, if any: |                    |       |    | <input type="checkbox"/> A petition has been filed for this unsigned inventor |     |             |           |
| Given Name (first and middle (if any))     |                    |       |    | Family Name or Surname  |     |             |           |
| JOSEPH L.                                  |                    |       |    | PREZELSKI   |     |             |           |
| Inventor's Signature                       |                    |       |    |   |     | Date        |           |
| Residence: City                            | Budd Lake          | State | NJ | Country   | USA | Citizenship | USA       |
| Post Office Address                        | 6P Village Green   |       |    |   |     |             |           |
| Post Office Address                        |                    |       |    |   |     |             |           |
| City                                       |                    | State |    | ZIP   |     | Country     |           |
| Name of Additional Joint Inventor, if any: |                    |       |    | <input type="checkbox"/> A petition has been filed for this unsigned inventor |     |             |           |
| Given Name (first and middle (if any))     |                    |       |    | Family Name or Surname  |     |             |           |
| SAM  |                    |       |    | MOY   |     |             |           |
| Inventor's Signature                       | <i>Sam Moy</i> ✓   |       |    |   |     | Date        | 6/30/1999 |
| Residence: City                            | Parsippany         | State | NJ | Country   | USA | Citizenship | USA       |
| Post Office Address                        | 69 Glassboro Road  |       |    |   |     |             |           |
| Post Office Address                        |                    |       |    |   |     |             |           |
| City                                       |                    | State |    | ZIP   |     | Country     |           |
| Name of Additional Joint Inventor, if any: |                    |       |    | <input type="checkbox"/> A petition has been filed for this unsigned inventor |     |             |           |
| Given Name (first and middle (if any))     |                    |       |    | Family Name or Surname  |     |             |           |
| BERNARD                                    |                    |       |    | STRAUSS   |     |             |           |
| Inventor's Signature                       |                    |       |    |   |     | Date        |           |
| Residence: City                            | Rockaway           | State | NJ | Country   | USA | Citizenship | USA       |
| Post Office Address                        | 20 Iroquois Avenue |       |    |   |     |             |           |
| Post Office Address                        |                    |       |    |   |     |             |           |
| City                                       |                    | State |    | ZIP   |     | Country     |           |

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Given Name (first and middle [if any])

Family Name or Surname

JOSEPH L.

PREZELSKI

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Signature

Date

Residence: City

Budd Lake

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NJ

Country

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Country

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Family Name or Surname

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MOY

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Page 4 of 4

Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

JAMES

HARTWELL

Inventor's  
Signature

Date

Residence: City

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Post Office Address

Post Office Address

City

State

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Name of Additional Joint Inventor, if any:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

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ARPAD A.

JUHASZ

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Signature

*Arpad A. Juhasz*

✓ 6/18/99  
Date

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Name of Additional Joint Inventor, if any:

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Inventor's  
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6/17/99

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re: Application of:**

Thelma G. Manning,  
Joseph L. Prezelski,  
Sam Moy,  
Bernard Strauss,  
James Hartwell,  
Arpad A. Juhasz,  
And  
Robert J. Lieb

**Examiner:** Unknown at Present

**Serial No.:** Herewith

**Group Art Unit:** Unknown at Present

**Filed:** Herewith

**For:** High Energy Thermoplastic Elastomer

**APPOINTMENT OF ASSOCIATE ATTORNEY**

Honorable Commissioner of  
Patents & Trademarks  
Washington, D.C. 20231

Sir:

The undersigned, Principal Attorney of Record, hereby appoints the below-named as associate attorney to act in the above-captioned United States Patent Application:

Robert Charles Beam, Reg. No. 28,182

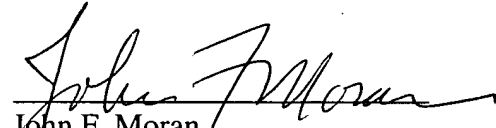
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U.S. Army TACOM-ARDEC  
Attn: AMSTA-AR-GCL  
R. Beam / Building 3  
Picatinny Arsenal, NJ 07806-5000

(Telephone: (973) 724-3411)



Respectfully submitted,

Sept 7, 2000  
Date

  
John F. Moran

Attorney for Applicants

Reg. No. 26,313

Telephone: (973) 724-3411

Facsimile: (973) 724-5552

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